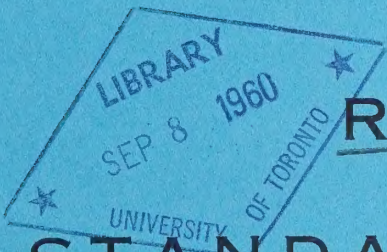


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*Canada*  
DEPARTMENT OF TRADE AND COMMERCE, *Standards*  
*Division.*



REPORT  
(OF THE  
STANDARDS BRANCH)  
FOR THE YEAR 1959/60







REPORT OF STANDARDS BRANCH

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## STANDARDS BRANCH

### DEPARTMENT OF TRADE AND COMMERCE

#### REPORT, 1959

The Standards Branch of the Department of Trade and Commerce administers the Electricity Inspection Act, the Gas Inspection Act, the Exportation of Power and Fluids and Importation of Gas Act (*repealed in November, 1959*), The Weights and Measures Act, the Precious Metals Marking Act, and the National Trade Mark and True Labelling Act.

While this publication is entitled "Report, 1959", the operations under the various Acts cover the fiscal year 1959-60 except for the Weights and Measures Act, which is covered for the calendar year 1959.

#### ELECTRICITY INSPECTION ACT

This Act provides for approval and inspection of all electricity devices used for billing purposes. The number of meters tested during the past year was 815,967, a decrease of 99,656. The major portion of the fall-off was in the area of reverifications. This had been anticipated, for fewer meters required statutory retest. New meters accounted for approximately 20% of the decrease. The total number of electricity meters in use for billing purposes rose to 5,157,495, from 4,941,691.

#### GAS INSPECTION ACT

This Act provides for the approval and inspection of all gas measuring devices used for billing purposes. It also provides for calorific testing of gas which is sold on a heating value basis. The number of gas meters and auxiliary measuring devices tested during the past year was 281,157, an increase of 41,876. With the continuing expansion of the natural gas industry, new meters accounted for 22,520 of the total increase. The total number of gas meters in use for billing purposes rose to 1,199,743 from 1,110,960.

#### EXPORTATION OF POWER AND FLUIDS AND IMPORTATION OF GAS ACT

In October 1959 the responsibility for the collection of duty on exports of electrical energy was assumed by the Department of National Revenue, Excise Division. On November 2, 1959, when the National Energy Board Act was proclaimed, the Exportation of Power and Fluids and Importation of Gas Act was repealed. All Standards Branch functions under this latter Act, therefore, terminated on October 31, 1959.

The export duty collected by the Standards Branch for the period April 1, 1959 to September 30, 1959 amounted to \$754,156.58. Licence fees for the export of electricity, crude oil and natural gas amounted to \$999.89.

### **WEIGHTS AND MEASURES ACT**

This Act provides for the approval and inspection of all weighing and measuring equipment used for trade purposes. The year 1959 showed an increase over 1958. Inspectors checked 479,523 devices of all kinds, including many modern and complicated scales used for industrial weighing and also large and intricate metering systems and tank trucks. Approval was given to the use of an additional 150 types of devices.

Boats were again used to reach isolated points on the east and west coasts. The two volumetric mobile prover units were used to inspect 2,513 meters and tank trucks. One scale test truck inspected 1,098 large capacity scales. During the year a second unit was purchased and was in operation about four months, mainly in Western Canada.

Spot checking of prepackaged goods and scales was maintained, 38,218 scales and 393,111 packages being inspected. Checking of prepackaged goods at factory or manufacturers' level was introduced on an experimental basis. This proved very effective and is being extended during the coming year.

### **STANDARDS LABORATORY**

The Standards Laboratory supports the field inspection work of the Branch. Field standards are included in a scheduled programme for calibration, and the departmental standards are compared with the official reference standards at specified periods. All new electrical and gas apparatus, weighing and measuring devices are carefully examined and tested before being approved for trade use. In addition, the Laboratory is continually working on devising new and improved equipment and procedures for field inspection work. Considerable time is spent, also, in assisting industry by checking and calibrating electrical instruments, weights, measures, etc.

### **PRECIOUS METALS MARKING ACT**

The Precious Metals Marking Act provides a uniform standard of quality marking to be applied by manufacturers to articles of gold, silver, platinum and palladium, and of gold and silver plate. Constant inspection of retail, wholesale, imported and manufacturers stocks is maintained to see that marks are applied in conformity with the Act. Assays are made of gold and silver articles, and newspapers and other advertising media are carefully inspected toward the elimination of misleading advertising.

### **NATIONAL TRADE MARK AND TRUE LABELLING ACT**

This Act provides a framework for the development of the National Standard and makes provision also for truthful labelling of commodities as covered by regulations. Existing regulations cover hosiery, fur garments, turpentine, textiles. The Canada Standard for Babcock test bottles fills the need for which it was established. Canada Standard specifications for measuring cups and spoons are now in force. The Committee which is developing specifications for Standard sizing in children's clothing held several meetings throughout the year. While the hope of completion of a part of the programme in 1959 did not materialize, 1960 should see its start.



TABLE 1. Electricity Meter Registration by District and Type of Service During Fiscal Year Ended March 31st, 1960

DISTRICT	URBAN				RURAL				GRAND TOTAL
	Domestic	Commercial	Power	TOTAL	Domestic	Commercial	Power	Farm	
Belleville .....	66,717	9,083	1,653	77,453	46,772	5,628	209	18,711	148,773
Calgary .....	103,972	17,908	6,670	128,550	6,519	1,091	149	23,338	159,647
Charlottetown .....	7,171	1,310	214	8,695	11,114	1,747	49	488	22,093
Eastern Arctic Region (Montreal)	13	29	—	42	—	—	—	—	42
Edmonton .....	118,690	27,128	8,990	154,808	1,078	870	6	30,927	187,689
Fort William .....	39,683	4,970	945	45,598	9,246	1,592	71	3,266	59,773
Halifax .....	126,450	15,995	6,600	149,045	44,907	4,579	1,007	796	200,334
Hamilton .....	218,583	23,575	5,508	247,666	59,301	6,624	922	31,820	346,333
London .....	177,180	18,445	3,927	199,552	44,524	5,539	619	31,478	281,712
Montreal .....	593,539	76,735	14,160	684,434	37,337	4,671	638	24,122	751,202
Northwest Territories (Edmonton)	1,874	457	73	2,404	—	—	—	—	2,404
Ottawa (Ont.) .....	115,517	15,173	1,017	131,707	34,812	5,123	296	19,963	191,901
Ottawa (Que.) .....	45,057	5,128	580	50,765	40,587	4,047	330	10,868	106,597
Penticton .....	50,350	10,754	2,275	63,379	21,958	3,983	787	10,104	100,216
Quebec .....	149,846	21,688	3,777	175,311	44,358	7,181	607	19,949	247,406
Regina .....	150,697	30,795	8,370	189,862	2,076	2,348	160	51,315	245,761
Saint John (N.B.) .....	66,291	8,364	1,716	76,371	58,357	514	1,317	15,993	152,552
St. John's (Nfld.) .....	50,757	5,835	705	57,297	5,345	673	70	—	63,385
Sudbury (Ont.) .....	71,102	8,957	1,557	81,616	41,235	4,945	341	8,269	136,406
Sudbury (Que.) .....	17,122	2,941	543	20,606	6,278	925	154	4,875	32,838
Toronto .....	547,921	52,524	14,196	614,641	87,154	9,020	532	30,981	742,328
Trois Rivières .....	109,131	14,683	2,428	126,242	61,444	10,758	1,398	36,395	236,237
Vancouver .....	171,966	29,706	6,482	208,154	86,802	9,997	1,792	—	306,745
Victoria .....	63,447	8,396	844	72,687	17,399	2,890	297	—	93,273
Winnipeg .....	243,102	32,745	11,225	287,072	11,899	2,405	—	38,333	339,709
Yukon (Vancouver) .....	1,639	373	127	2,139	—	—	—	—	2,139
TOTALS .....	3,307,817	443,697	104,582	3,856,096	780,502	97,155	11,751	411,991	5,157,495

TABLE 2. Gas Meter Registration by District and Type of Service During Fiscal Year Ended March 31, 1960.

DISTRICT	Manufactured	Natural	Bottled Petroleum Gas	TOTAL
Belleville .....	—	6,978	69	7,047
Calgary .....	—	97,083	2	97,085
Charlottetown .....	—	—	4	4
Edmonton .....	—	109,167	82	109,249
Fort William .....	—	4,425	18	4,443
Halifax .....	—	—	324	324
Hamilton .....	—	125,156	46	125,202
London .....	—	140,399	400	140,799
Montreal .....	12,344	237,489	897	250,730
Northwest Territories .....	—	—	—	—
Ottawa (Ont.) .....	—	6,706	354	7,060
Ottawa (Que.) .....	—	254	—	254
Penticton .....	—	13,058	107	13,165
Quebec .....	6,090	—	—	6,090
Regina .....	—	62,252	5	62,257
Saint John, N.B. ....	—	3,096	43	3,139
St. John's, Nfld. ....	—	—	—	—
Sudbury (Ont.) .....	2,962	6,970	7	9,939
Sudbury (Que.) .....	—	—	—	—
Toronto .....	—	212,699	21	212,720
Trois Rivières .....	981	—	757	1,738
Vancouver .....	—	105,297	1,057	106,354
Victoria .....	10,422	—	71	10,493
Winnipeg .....	—	31,649	2	31,651
Yukon .....	—	—	—	—
<b>TOTAL .....</b>	<b>32,799</b>	<b>1,162,678</b>	<b>4,266</b>	<b>1,199,743</b>



TABLE 3. Electric and Gas Meter Registrations for the Years Ended March 31, 1943 to 1960

Calendar Year	Electricity Meters	Gas Meters				Total Meters
		Manufactured	Natural	Acetylene	Petroleum Gas	Total
1943 .....	2,228,716	532,160	197,585	4	1,278	731,027
1944 .....	2,268,500	540,240	201,522	4	1,392	743,158
1945 .....	2,348,150	552,411	208,046	4	1,529	761,990
1946 .....	2,459,672	550,949	215,330	4	1,651	767,934
1947 .....	2,647,040	560,046	225,952	4	1,725	787,727
1948 .....	2,746,685	587,629	217,068	3	1,046	805,746
1949 .....	2,972,725	600,923	227,393	4	4,005	832,325
1950 .....	3,188,089	606,395	239,448	4	3,841	849,688
1951 .....	3,405,342	610,096	252,468	5	33	862,602
1952 .....	3,591,056	609,062	264,154	5	68	873,289
1953 .....	3,779,868	599,140	277,248	5	1,270	877,663
1954 .....	3,968,020	593,698	298,166	4	429	892,297
1955 .....	4,175,534	420,432	486,768	4	532	907,736
1956 .....	4,380,889	416,338	507,875	4	3,147	927,364
1957 .....	4,571,485	350,558	599,633	(registration not required)	4,843	955,034
1958 .....	4,748,687	67,668	944,183	"	4,569	1,016,420
1959 .....	4,941,691	35,967	1,069,892	"	5,101	1,110,960
1960 .....	5,157,495	32,799	1,162,678	"	4,266	1,199,743
						2,959,743
						3,011,658
						3,110,140
						3,227,606
						3,434,767
						3,552,431
						3,805,050
						4,037,777
						4,267,944
						4,464,345
						4,657,531
						4,860,317
						5,083,270
						5,308,253
						5,526,519
						5,765,107
						6,052,651
						6,357,238



APPENDIX A

For purposes of inspection under the Electricity Inspection Act and the Gas Inspection Act the provinces of the Dominion have been divided into the following districts:-

DISTRICT:	DISTRICT COMPOSED OF:
Belleville, Ont. ....	Counties of Addington, Durham, Frontenac, Haliburton, Hastings, Leeds (exclusive of the Towns of Athens, Newboro and Westport), Lennox, Northumberland, Peterborough, Prince Edward, Victoria and Ontario
Calgary, Alta. ....	All that part of the Province of Alberta lying south of the northerly boundary of Township No.37
Charlottetown, P.E.I. ....	Province of Prince Edward Island
Edmonton, Alta. ....	All that part of the Province of Alberta lying north of the northerly boundary of Township No.37, and the Northwest Territories
Fort William, Ont. ....	Judicial Districts of Kenora, Rainy River and Thunder Bay
Halifax, N.S. ....	Province of Nova Scotia
Hamilton, Ont. ....	Counties of Brant, Haldimand, Halton, Lincoln, Norfolk, Waterloo, Welland and Wentworth
London, Ont. ....	Counties of Bruce, Elgin, Essex, Huron, Kent, Lambton, Middlesex, Oxford and Perth
Montreal, P.Q. ....	Counties of Argenteuil, Arthabaska, Bagot, Beauharnois, Berthier, Brome, Chambly, Chateauguay, Compton, Drummond, Frontenac, Hochelaga, Huntingdon, Iberville, Jacques-Cartier, Labelle, LaPrairie, L'Assomption, Laval, Missisquoi, Montcalm, Napierville, Richelieu, Richmond, Rouville, Shefford, Sherbrooke, Soulanges, Stanstead, St. Hyacinthe, St. Jean, Terrebonne, Vaudreuil, Vercheres, Wolfe and Yamaska
Ottawa, Ont. ....	That part of the Judicial District of Nipissing lying south and east of and including the Townships of Ballantyne, Boyd, Cameron, Pentland and Wilkes, the Counties of Carleton, Dundas, Glengarry, Grenville, Lanark, Prescott, Renfrew, Russell and Stormont, and the Towns of Athens, Newboro and Westport in the County of Leeds, in the Province of Ontario; and Counties of Argenteuil, Gatineau, Hull, Labelle, LaPrairie, L'Assomption, Montcalm, Napierville, Papineau, Pontiac, Soulanges, St. Jean, Terrebonne, Two Mountains and Vaudreuil in the Province of Quebec
Penticton, B.C. ....	That part of the mainland of the Province of British Columbia bounded by the 121st Meridian on the West and the Alberta Boundary on the East and the 52nd Parallel of Latitude on the North and all Towns on the mainland of British Columbia served by the Southern Interior Meter Section of the British Columbia Power Commission and the Inland Natural Gas Company



## APPENDIX A — Concluded

For purposes of inspection under the Electricity Inspection Act and the Gas Inspection Act the provinces of the Dominion have been divided into the following districts:—

DISTRICT:	DISTRICT COMPOSED OF:
Quebec, P.Q. ....	Counties of Beauce, Bellechasse, Bonaventure, Charlevoix, Chicoutimi, Dorchester, Gaspé, Îles de la Madeleine, Kamouraska, Lac St-Jean, Lévis, L'Islet, Lotbinière, Matane, Mégantic, Montmagny, Montmorency, Portneuf, Québec, Rimouski, Saguenay and Temiscouata
Regina, Sask. ....	Province of Saskatchewan
Saint John, N.B. ....	Province of New Brunswick
St. John's, Nfld. ....	Province of Newfoundland
Sudbury, Ont. ....	Judicial Districts of Algoma, Manitoulin, Sudbury and Temiskaming and part of the Judicial District of Nipissing lying north and west of the Townships of Ballantyne, Boyd, Cameron, Pentland and Wilkes
Three Rivers, P.Q. ....	Counties of Abitibi, Arthabaska, Beauce, Bellechasse, Berthier, Chambly, Champlain, Compton, Deux Montagnes, Dorchester, Drummond, Frontenac, Joliette, L'Assomption, Laval, Lévis, L'Islet, Lotbinière, Maskinonge, Mégantic, Montcalm, Montmagny, Nicolet, Portneuf, Québec, Richelieu, Richmond, Sherbrooke, St. Hyacinthe, St. Maurice, Terrebonne, Vercheres, Wolfe and Yamaska
Toronto, Ont. ....	Judicial Districts of Muskoka, Parry Sound and the Counties of Dufferin, Grey, Peel, Simcoe, Wellington, York, Durham, Victoria and Ontario
Vancouver, B.C. ....	That part of the mainland of the Province of British Columbia except the area bounded by the 121st Meridian on the West and the Alberta Boundary on the East and the 52nd Parallel of Latitude on the North and all Towns on the mainland of British Columbia served by the Southern Interior Meter Section of the British Columbia Power Commission and the Inland Natural Gas Company; and the Yukon Territory
Victoria, B.C. ....	Island of Vancouver
Winnipeg, Man. ....	Province of Manitoba



## APPENDIX B

Statement of Electric Meters Tested During Fiscal Year Ended March 31, 1960  
WATTHOUR METERS

DISTRICT	ACCEPTED			REJECTED		New	Retests	Dis- putes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow					1	2	3	4
Belleville .....	4,274	14,258	1,870	51	52	10,986	9,504	15	20,505	2,476	17,533	496	—
Calgary .....	1,571	18,698	1,600	19	99	12,250	9,609	128	21,987	5,069	15,700	1,218	—
Charlottetown .....	236	2,093	1,432	—	1	2,100	1,659	3	3,762	953	2,800	9	—
Edmonton .....	848	18,473	5,113	26	21	14,484	9,868	129	24,481	5,155	18,053	1,273	—
Fort William .....	1,651	4,042	470	20	46	3,468	2,761	—	6,229	546	5,612	71	—
Halifax .....	627	18,724	4,281	7	11	8,563	15,072	15	23,650	12,013	11,402	235	—
Hamilton .....	24,923	24,260	5,693	89	180	14,078	41,020	47	55,145	5,819	48,703	623	—
London .....	7,931	29,757	6,089	65	93	10,808	33,124	3	43,935	4,172	39,010	753	—
Montreal .....	9,711	64,885	53,876	618	524	53,183	76,332	99	129,614	41,893	87,002	719	—
Northwest Territories .....	13	359	80	—	—	347	104	1	452	59	380	13	—
Ottawa (Ont.) .....	2,306	19,676	1,522	22	12	10,819	12,714	5	23,538	2,443	20,829	266	—
Ottawa (Que.) .....	1,035	8,754	711	2	8	3,877	6,606	27	10,510	1,758	8,715	37	—
Penticton .....	2,007	8,461	1,089	5	4	6,057	5,471	38	11,566	1,132	10,058	326	—
Quebec .....	1,682	28,366	6,474	5	1	12,528	23,820	180	36,528	7,336	28,739	453	—
Regina .....	3,617	23,529	9,983	23	26	14,790	22,091	297	37,178	7,483	28,772	923	—
Saint John .....	1,564	12,669	2,530	17	21	5,826	10,805	170	16,801	7,568	9,046	187	—
St. John's (Nfld.) .....	653	10,870	3,373	2	3	5,097	9,784	20	14,901	8,671	6,176	54	—
Sudbury (Ont.) .....	4,469	12,100	3,106	64	70	8,642	11,080	87	19,809	2,464	17,123	222	—
Sudbury (Que.) .....	617	1,801	317	9	7	1,323	1,413	15	2,751	256	2,424	71	—
Toronto .....	26,554	67,410	17,911	110	208	39,806	72,317	70	112,193	8,036	95,034	9,123	—
Trois Rivières .....	1,017	23,461	6,506	—	2	14,407	16,563	16	30,986	8,523	22,122	341	—
Vancouver .....	7,862	40,033	8,643	8	16	18,004	38,461	97	56,562	15,086	39,463	2,013	—
Victoria .....	671	9,282	2,143	13	2	5,616	6,450	45	12,111	3,286	8,332	493	—
Winnipeg .....	1,404	28,920	10,050	173	176	16,457	24,260	6	40,723	8,188	31,284	1,251	—
Yukon .....	58	508	93	—	—	237	422	—	659	297	316	46	—
<b>TOTALS .....</b>	<b>107,301</b>	<b>491,389</b>	<b>154,955</b>	<b>1,348</b>	<b>1,583</b>	<b>293,753</b>	<b>461,310</b>	<b>1,513</b>	<b>756,576</b>	<b>160,732</b>	<b>574,628</b>	<b>21,216</b>	<b>—</b>



# APPENDIX B

Statement of Electric Meters Tested During Fiscal Year Ended March 31, 1960  
DEMAND METERS

DISTRICT	ACCEPTED			REJECTED		New	Retests	Dis- putes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow					1	2	3	4
Belleville .....	6	7	6	—	—	8	11	—	19	19	—	—	—
Calgary .....	31	—	—	—	—	7	20	4	31	31	—	—	—
Charlottetown .....	—	—	7	—	—	7	—	—	7	7	—	—	—
Edmonton .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Fort William .....	13	4	10	—	—	10	17	—	27	27	—	—	—
Halifax .....	1	22	22	—	—	27	18	—	45	45	—	—	—
Hamilton .....	104	31	12	—	—	51	96	—	147	147	—	—	—
London .....	39	20	28	—	—	32	55	—	87	87	—	—	—
Montreal .....	171	268	190	3	—	362	267	3	632	632	—	—	—
Northwest Territories .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Ottawa (Ont.) .....	6	6	11	—	—	7	16	—	23	23	—	—	—
Ottawa (Que.) .....	3	1	2	—	—	3	2	1	6	6	—	—	—
Penticton .....	10	5	4	—	—	—	19	—	19	—	—	19	—
Quebec .....	59	70	74	—	—	71	123	9	203	201	2	—	—
Regina .....	—	—	1	—	—	1	—	—	1	—	—	1	—
Saint John .....	1	1	3	—	—	5	—	—	5	5	—	—	—
St. John's (Nfld.) .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Sudbury (Ont.) .....	3	13	5	—	—	5	16	—	21	21	—	—	—
Sudbury (Que.) .....	1	2	5	—	—	6	2	—	8	8	—	—	—
Toronto .....	212	51	64	—	—	77	250	—	327	327	—	—	—
Trois Rivières .....	111	100	54	—	—	83	178	4	265	265	—	—	—
Vancouver .....	34	193	52	—	—	21	258	—	279	279	—	—	—
Victoria .....	—	—	2	—	1	—	—	3	3	3	—	—	—
Winnipeg .....	2	11	19	—	—	11	9	12	32	32	—	—	—
Yukon .....	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS .....	807	805	571	3	1	794	1,357	36	2,187	2,165	2	20	—

## APPENDIX B

Statement of Electric Meters Tested During Fiscal Year Ended March 31, 1960  
COMBINATION METERS

DISTRICT	ACCEPTED			REJECTED		New	Retests	Dis- putes	Totals	CLASS				
	Correct	Fast		Slow	Fast					Slow	1	2	3	4
Belleville.....	236	839	164	1	4	694	550	—	1,244	186	739	319	—	
Calgary .....	50	772	104	—	2	519	408	1	928	103	469	356	—	
Charlottetown .....	6	121	142	1	1	139	130	2	271	26	184	61	—	
Edmonton.....	22	818	235	1	1	571	502	4	1,077	72	838	167	—	
Fort William .....	210	304	97	1	—	384	228	—	612	148	382	82	—	
Halifax .....	62	2,162	412	1	2	1,498	1,139	2	2,639	237	1,861	541	—	
Hamilton .....	2,432	730	555	1	6	1,274	2,450	—	3,724	459	2,127	1,138	—	
London .....	1,646	925	608	1	3	1,034	2,148	1	3,183	314	2,038	831	—	
Montreal .....	2,184	8,167	5,586	65	61	7,516	8,537	10	16,063	342	14,004	1,717	—	
Northwest Territories .....	—	4	1	—	—	5	—	—	5	—	3	2	—	
Ottawa (Ont.) .....	748	396	665	1	2	818	993	1	1,812	333	1,106	373	—	
Ottawa (Que.) .....	970	120	506	—	—	467	1,127	2	1,596	337	1,070	189	—	
Penticton .....	146	805	121	—	1	676	396	1	1,073	71	777	225	—	
Quebec .....	204	2,965	1,296	1	—	1,318	3,128	20	4,466	487	3,477	502	—	
Regina .....	70	1,162	339	—	1	1,359	210	3	1,572	344	923	305	—	
Saint John .....	13	434	78	—	—	224	299	2	525	66	188	271	—	
St. John's (Nfld.) .....	10	310	28	—	—	211	137	—	348	1	264	83	—	
Sudbury (Ont.) .....	554	373	653	2	11	733	859	1	1,593	158	1,207	228	—	
Sudbury (Que.) .....	92	127	129	3	3	121	233	—	354	53	272	29	—	
Toronto .....	4,501	1,319	1,881	4	3	3,179	4,523	6	7,708	517	4,014	3,177	—	
Trois Rivières .....	95	2,883	1,185	—	—	1,654	2,509	—	4,163	360	3,347	456	—	
Vancouver .....	130	341	311	—	—	151	625	6	782	42	573	167	—	
Victoria .....	36	706	92	—	2	194	634	8	836	47	669	120	—	
Winnipeg .....	31	430	110	17	5	444	148	1	593	76	145	372	—	
Yukon .....	—	7	—	—	—	7	—	—	7	—	2	5	—	
TOTALS .....	14,448	27,220	15,298	100	108	25,190	31,913	71	57,174	4,779	40,679	11,716	—	



# APPENDIX B

## Statement of Electric Meters Tested During Fiscal Year Ended March 31, 1960

### PREPAYMENT METERS

DISTRICT	ACCEPTED			REJECTED		New	Retests	Dis- putes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow					1	2	3	4
Belleville.....	-	1	-	-	-	-	1	-	1	1	-	-	-
Calgary .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlottetown .....	-	2	2	-	-	-	4	-	4	1	3	-	-
Edmonton .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort William .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Halifax .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton .....	2	1	-	-	-	-	3	-	3	-	3	-	-
London .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Montreal .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest Territories .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Ottawa (Ont.) .....	1	1	1	-	-	-	3	-	3	3	-	-	-
Ottawa (Que.) .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Penticton .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Regina .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Saint John .....	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John's (Nfld.) .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury (Ont.) .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury (Que.) .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Toronto .....	2	1	-	-	-	-	3	-	3	1	2	-	-
Trois Rivières .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Vancouver .....	1	11	4	-	-	15	1	-	16	16	-	-	-
Victoria .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Winnipeg .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon .....	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTALS .....</b>	<b>6</b>	<b>17</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>15</b>	<b>-</b>	<b>30</b>	<b>22</b>	<b>8</b>	<b>-</b>	<b>-</b>

### APPENDIX B - SUMMARY

Wathour .....	107,301	491,389	154,955	1,348	1,583	293,753	461,310	1,513	756,576	160,732	574,628	21,216	-
Demand .....	807	805	571	3	1	794	1,357	36	2,187	2,165	2	20	-
Combination .....	14,448	27,220	15,298	100	108	25,190	31,913	71	57,174	4,779	40,679	11,716	-
Prepayment .....	6	17	7	-	-	15	15	-	30	22	8	-	-
<b>Totals .....</b>	<b>122,562</b>	<b>519,431</b>	<b>170,831</b>	<b>1,451</b>	<b>1,692</b>	<b>319,752</b>	<b>494,595</b>	<b>1,620</b>	<b>815,967</b>	<b>167,698</b>	<b>615,317</b>	<b>32,952</b>	<b>-</b>

APPENDIX C

Statement of Gas Meters Tested During Fiscal Year Ended March 31, 1960

DISTRICT	ACCEPTED			REJECTED		New	Retests	Dis- putes	Totals	CLASS						
	Correct	Fast	Slow	Fast	Slow					1	2	3	4	5	S.P.	R.
Belleville .....	847	514	2,906	—	—	3,908	359	—	4,267	4,215	31	10	10	—	—	1
Calgary .....	9,292	7,306	7,526	6	—	9,466	14,647	17	24,130	23,902	1	150	77	—	—	—
Edmonton .....	1,992	1,814	21,303	5	3	8,293	16,812	12	25,117	24,873	53	106	69	16	—	—
Fort William .....	1,011	1,101	582	—	—	2,607	87	—	2,694	2,638	34	16	—	6	—	—
Halifax .....	5	39	45	2	1	5	86	1	92	92	—	—	—	—	—	—
Hamilton .....	6,939	2,899	13,017	6	3	11,856	10,995	13	22,864	22,674	59	61	51	18	—	1
London .....	5,303	3,347	18,711	10	14	9,958	17,424	3	27,385	27,228	66	46	39	3	—	3
Montreal .....	3,746	11,112	35,424	278	214	26,759	23,976	39	50,774	50,481	161	90	33	9	—	—
Ottawa .....	956	831	1,333	11	13	3,063	79	2	3,144	3,109	15	11	7	—	—	2
Penticton .....	908	360	1,956	1	—	3,131	88	6	3,225	3,200	8	12	2	3	—	—
Quebec .....	167	366	470	—	—	4	999	—	1,003	992	3	2	—	—	6	—
Regina .....	2,302	8,455	10,011	2	—	15,653	5,104	13	20,770	20,601	17	119	26	7	—	—
Saint John .....	87	217	117	—	—	272	149	—	421	421	—	—	—	—	—	—
Sudbury .....	1,225	3,338	2,982	2	3	6,407	1,142	1	7,550	7,468	34	28	11	9	—	—
Toronto .....	16,286	11,145	14,765	27	18	17,958	24,234	49	42,241	41,796	249	127	47	4	—	18
Trois Rivières .....	1	45	20	—	—	—	65	1	66	66	—	—	—	—	—	—
Vancouver .....	7,874	5,169	14,455	128	155	17,919	9,838	24	27,781	27,593	71	70	46	—	—	1
Victoria .....	63	373	1,422	1	—	304	1,553	2	1,859	1,844	14	1	—	—	—	—
Winnipeg .....	431	3,863	9,322	88	41	12,045	1,694	6	13,745	13,566	25	145	3	6	—	—
TOTALS .....	59,435	62,294	156,367	567	465	149,608	129,331	189	279,128	276,759	841	994	421	81	6	26



## APPENDIX C

## Statement of Auxiliary Attachments (GAS) Tested During Fiscal Year Ended March 31, 1960

DISTRICTS	ACCEPTED			REJECTED		New	Retest	Dis- pute	Totals	CLASS									FT
	Correct	Fast	Slow	Fast	Slow					OP	S	D	BP	BV	VP	T	TU	F	
Belleville.....	44	19	16	-	-	78	1	-	79	60	-	-	17	2	-	-	-	-	-
Calgary .....	118	79	32	-	-	58	171	-	229	15	-	1	189	5	-	-	2	15	-
Charlottetown .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Edmonton .....	415	46	19	-	1	434	47	-	481	15	-	-	82	-	-	-	65	17	302
Fort William.....	27	21	7	-	-	55	-	-	55	30	5	5	-	12	3	-	-	-	-
Halifax .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton .....	43	7	8	-	-	54	4	-	58	19	-	-	1	2	32	-	-	4	-
London .....	51	70	22	-	-	139	4	-	143	32	-	-	-	39	64	-	8	-	-
Montreal .....	2	21	13	-	-	36	-	-	36	-	-	-	17	16	-	-	-	-	3
Ottawa .....	10	-	-	-	-	10	-	-	10	8	-	-	-	-	-	-	-	-	2
Penticton .....	5	8	7	-	-	14	6	-	20	3	-	-	17	-	-	-	-	-	-
Quebec .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regina .....	144	33	22	-	-	178	21	-	199	126	-	-	55	3	-	-	-	-	15
Saint John, N.B. ....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John's (Nfld.) ....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury .....	33	52	20	1	-	103	3	-	106	71	4	4	-	19	3	3	1	-	1
Trois Rivières .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toronto .....	287	49	30	-	-	363	3	-	366	275	-	-	-	7	9	69	-	5	1
Vancouver .....	137	2	1	1	-	100	41	-	141	16	-	1	76	24	24	-	-	-	-
Victoria .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winnipeg.....	70	20	16	-	-	91	15	-	106	28	2	5	31	9	10	3	11	7	-
TOTALS .....	1,386	427	213	2	1	1,713	316	-	2,029	698	11	16	485	138	145	75	87	31	343

OP - Orifice Plate; S - Static Pressure Gauge; D - Differential Pressure Gauge; BP - Base Pressure Index; BV - Base Volume Index;  
 VP - Volume Pressure Gauge; T - Temperature Recording Gauge or Thermometer; TU - Tube; F - Fitting; FT - Fitting and Tube

## APPENDIX C SUMMARY

Gas Meters .....	59,435	62,294	156,367	567	465	149,608	129,331	189	279,128
Auxiliary Attachments	1,386	427	213	2	1	1,713	316	-	2,029
<b>TOTALS</b>	<b>60,821</b>	<b>62,721</b>	<b>156,580</b>	<b>569</b>	<b>466</b>	<b>151,321</b>	<b>129,647</b>	<b>189</b>	<b>281,157</b>

APPENDIX D

Electricity Inspection Act, Gas Inspection Act and Exportation of Power and Fluids and Importation of Gas Act  
Statement of Expenditure and Revenue During Fiscal Year Ended March 31, 1960

DISTRICTS	DISTRICT INSPECTOR	ELECTRICITY		GAS		GRAND TOTAL	
		Total Expenditure	Total Revenue	Total Expenditure	Total Revenue	Flec. & Gas Expenditure	Elec. & Gas Revenue
		\$	\$	\$	\$	\$	\$
Belleville .....	Fountain, A. & Fleming, J.	24,882.47	16,963.85	2,578.46	2,835.50	27,460.93	19,799.35
Calgary .....	Park, A.S. ....	19,638.88	16,603.80	11,196.32	17,121.20	30,835.20	33,725.00
Charlottetown .....	Strain, J.F. ....	5,236.35	3,513.95	—	—	5,236.35	3,513.95
Edmonton .....	Waterhouse, H.A. ....	21,821.35	19,936.75	14,557.97	19,041.10	36,379.32	38,977.85
Fort William .....	Briggs, J.F. ....	8,006.06	5,845.85	808.86	1,878.50	8,814.92	7,724.35
Halifax .....	Fry, W.C. ....	27,703.30	22,788.75	1,301.42	55.20	29,004.72	22,843.95
Hamilton .....	Briggs, C.D. ....	50,594.59	48,441.35	13,180.12	13,998.10	63,774.71	62,439.45
London .....	Anderson, H.R. ....	56,478.29	39,517.45	25,032.67	16,679.20	81,510.96	56,196.65
Montreal .....	Neysmith, J.F. ....	100,653.17	125,152.75	41,696.93	29,580.30	142,350.10	154,733.05
Northwest Terr. (Edmonton) .....	Waterhouse, H.A. ....	.92	343.15	—	—	.92	343.15
Ottawa .....	Miller, W.F. ....	39,521.07	32,612.15	4,108.07	2,192.40	43,629.14	34,804.55
Penticton .....	Heaven, A.L. ....	11,036.61	10,268.95	1,729.15	1,977.90	12,765.76	12,246.85
Quebec .....	Trudel, J.R. ....	36,327.53	36,316.00	1,634.49	636.60	37,962.02	36,952.60
Regina .....	Fletcher, W.E. ....	27,155.16	30,218.15	9,520.48	12,528.80	36,675.64	42,746.95
Saint John, N.B. ....	Lennerton, T.H. ....	23,730.91	12,264.45	1,181.52	241.20	24,912.43	12,505.65
St. John's, Nfld. ....	Rossiter, V.P. ....	19,482.91	10,727.75	—	—	19,482.91	10,727.75
Sudbury .....	Piirainen, G.O. ....	33,168.56	20,410.05	3,324.56	4,990.60	36,493.12	25,400.65
Toronto .....	McEown, W.R. ....	112,570.87	103,999.15	32,577.30	26,063.10	145,148.17	130,062.25
Trois Rivières .....	Readman, G. ....	29,755.16	31,318.15	1,501.97	56.00	31,257.13	31,374.15
Vancouver .....	Ward, R.G.D. ....	45,169.35	42,097.75	15,611.33	18,579.60	60,780.68	60,677.35
Victoria .....	Teece, E.R. ....	13,376.33	10,473.70	2,089.81	1,468.10	15,466.14	11,941.80
Winnipeg .....	Young, N.H. ....	42,239.20	30,598.45	7,627.80	8,649.20	49,867.00	39,247.65
Yukon (Vancouver) .....	Ward, R.G.D. ....	420.15	477.75	—	—	420.15	477.75
GENERAL .....		19,411.27	—	1,284.44	—	20,695.71	—
<b>TOTAL</b> .....		<b>768,380.46</b>	<b>670,890.10</b>	<b>192,543.67</b>	<b>178,572.60</b>	<b>960,924.13</b>	<b>849,462.70</b>
Electricity Export — Revenue & Expenditure .....		374.32	856,069.76	—	—	374.32	856,069.76
Electricity Export — License Fees .....		—	500.00	—	—	—	500.00
Gas Export — License Fees .....		—	—	—	25.00	—	25.00
Gas Import — License Fees .....		—	—	—	—	—	—
Gas Export Expenditure .....		—	—	—	—	—	—
Crude Oil License Fees .....		—	—	—	474.80	—	474.80
Electrical Lab. Fees .....		—	1,028.80	—	—	—	1,028.80
Refund of Previous Years Expenditure and Miscellaneous .....		—	92.45	—	.09	—	92.54
<b>TOTAL EXPENDITURE AND REVENUE</b> .....		<b>768,754.78</b>	<b>1,528,581.11</b>	<b>192,543.67</b>	<b>179,072.49</b>	<b>961,298.45</b>	<b>1,707,653.60</b>



## APPENDIX E

Official list of Weights and Measures Districts in Canada, with the Territorial Extent of each.

DISTRICT:	DISTRICT COMPOSED OF:
Belleville, Ont. ....	The Cities of Belleville, Kingston and Peterborough, and the Counties of Lennox, Leeds, Addington, Frontenac, Durham and Hastings, Northumberland, Peterborough, Prince Edward, Victoria, and the Provisional County of Haliburton
Calgary, Alta. ....	That portion of the Province of Alberta lying to the south of the 52nd Parallel of Latitude
Charlottetown, P.E.I. ....	The Whole of Prince Edward Island
Edmonton, Alta. ....	That portion of the Province of Alberta lying to the North of the 52nd Parallel of Latitude
Fort William, Ont. ....	That area in Ontario West from the Pic River to the Manitoba Boundary
Halifax, N.S. ....	The whole of the Province of Nova Scotia, including Cape Breton Island
Hamilton, Ont. ....	The Cities of Hamilton, Guelph, Kitchener, St. Catharines, Welland and Niagara Falls, and the Counties of Haldimand, Halton, Lincoln, Waterloo, Welland, Wellington and Wentworth
London, Ont. ....	The Cities of London, Windsor, Chatham, Brantford, Sarnia, St. Thomas, Stratford and Woodstock, and the Counties of Bruce, Essex, Huron, Kent, Lambton, Perth, Brant, Elgin, Middlesex, Norfolk and Oxford
Montreal, P.Q. ....	The City of Montreal, and the Counties of Argenteuil, Beauharnois, Chambly, Chateauguay, Hochelaga, Huntingdon, Jacques-Cartier, Laval, LaPrairie, Napierville, Soulanges, Terrebonne, Two Mountains, Vaudreuil, St. Johns, St. Hyacinthe, Vercheres, Rouville and Bagot
Ottawa, Ont. ....	The City of Ottawa, and the Counties of Carleton, Lanark, Prescott, Renfrew, Russell, Glengarry, Stormont, Dundas and Grenville in the Province of Ontario; and the City of Hull and the Counties of Pontiac, Gatineau, Papineau and Labelle in the Province of Quebec
Quebec, P.Q. ....	The City of Quebec, and the Counties of Beauce, Bellechasse, Bonaventure, Charlevoix, Chicoutimi, Dorchester, Gaspé North, Gaspé South, Kamouraska, Levis, L'Islet, Lotbinière, Megantic, Montmorency, Portneuf, Quebec, Rimouski, Rivière du Loup, Temiscouata, Lake St. John, Roberval, Matapédia, Matane, Anticosti and the Magdalen Islands, and all that Portion of the Province of Quebec lying East of the Eastern Boundary of the County of Chicoutimi
Regina, Sask. ....	That Portion of the Province of Saskatchewan lying to the South of the 51st Parallel of Latitude
Saint John, N.B. ....	The Whole of the Province of New Brunswick
Saskatoon, Sask. ....	That Portion of the Province of Saskatchewan lying to the North of the 51st Parallel of Latitude

## APPENDIX E — Concluded

Official list of Weights and Measures Districts in Canada, with the Territorial Extent of each.

DISTRICT:	DISTRICT COMPOSED OF:
Sherbrooke, P.Q. ....	The City of Sherbrooke, and the Counties of Brome, Compton, Missisquoi, Richmond, Shefford, Sherbrooke, Stanstead, Wolfe, Iberville, Drummond, Arthabaska and Frontenac
St. John's, Nfld. ....	The Whole of the Province of Newfoundland
Sudbury, Ont. ....	The Cities of Sudbury, Sault Ste. Marie and North Bay, and the Electoral Districts of Nipissing, Temiskaming, Parry Sound, Cochrane, Algoma West, Algoma East, and all that Portion of Port Arthur lying East of the Pic River in the Province of Ontario, and the County of Temiskaming and all that Portion of Abitibi lying West of the Eastern Boundary of the Municipality of Senneterre and of a line drawn North and South to continue such Eastern Boundary of Senneterre
Trois-Rivieres, P.Q. ....	The City of Trois-Rivieres, and the Counties of Berthier, Champlain, Joliette, L'Assomption, Maskinonge, Montcalm, St. Maurice, Laviolette, Nicolet, Richelieu, Yamaska, and all that Portion of Abitibi lying East of the Western Boundary of the Municipality of Dollard and of a line drawn North and South to continue such Western Boundary of Dollard
Toronto, Ont. ....	The City of Toronto, and the Counties of Dufferin, Ontario, Peel, York, Grey and Simcoe, and the District of Muskoka
Vancouver, B.C. ....	The Whole of the Province of British Columbia
Winnipeg, Man. ....	The Whole of the Province of Manitoba



# APPENDIX F

Showing the Number of Weights and Weighing Machines VERIFIED in each Inspection District From  
JANUARY 1st, to DECEMBER 31st, 1959.

DISTRICTS	WEIGHING MACHINES										WEIGHTS	
	DORMANT PLATFORM SCALES						Equal Arm	Com-puting	Auto-matic	Metric and Comb. Avoirdupois Metric	Miscellaneous	
	Portable Steel-yard Suspension	Under 6,000 Lbs.	6,000 Lbs. and Over	Grain Elevator Hopper	Wagon or Truck	Grain Elevator Truck						
Belleville .....	2,269	208	106	7	247	—	6	585	1,867	3	79	3,653
Calgary .....	3,426	92	156	757	176	686	24	475	2,031	22	279	2,341
Charlottetown .....	646	—	37	—	—	—	1	170	398	4	2	237
Edmonton .....	5,242	168	320	926	214	842	13	1,093	3,506	2	896	5,782
Fort William .....	862	32	75	121	93	3	11	160	967	—	73	2,350
Halifax .....	2,457	57	35	8	210	—	23	602	2,850	17	—	2,090
Hamilton .....	3,679	549	353	11	396	—	44	834	2,921	3	23	7,756
London .....	5,047	702	387	19	493	—	33	1,506	5,934	87	12	9,371
Montreal .....	12,792	517	328	71	305	—	38	3,403	8,860	5	248	17,430
Northwest Terr. ....	—	—	—	—	5	—	—	—	—	—	—	—
Ottawa .....	2,801	190	37	13	175	—	11	523	3,236	4	42	2,837
Quebec .....	6,783	132	51	16	282	—	22	1,448	6,597	27	424	11,359
Regina .....	4,021	42	74	1,216	187	1,204	12	701	1,875	—	688	4,720
Saint John, N.B. ....	2,337	81	33	18	103	—	18	766	2,845	42	30	3,540
St. John's, Nfld. ....	2,551	27	11	2	32	—	7	1,911	2,139	—	—	7,841
Saskatoon .....	3,631	48	78	1,604	225	1,567	8	629	2,324	2	1,074	3,883
Sherbrooke .....	6,845	249	74	—	93	—	3	801	2,684	11	223	8,783
Sudbury .....	1,178	40	25	—	204	—	28	330	1,703	—	—	2,235
Toronto .....	9,936	784	440	39	481	—	62	3,155	7,750	4	198	13,352
Trois Rivières .....	2,735	247	98	10	89	—	14	433	2,221	3	127	3,792
Vancouver .....	6,347	340	151	3	195	3	34	2,004	6,328	26	35	7,834
Winnipeg .....	5,756	187	139	668	250	595	13	1,282	4,021	—	840	8,680
Yukon .....	112	—	—	—	2	—	—	24	55	—	—	150
TOTALS .....	91,453	4,692	3,008	5,509	4,457	4,900	425	22,835	73,112	262	5,293	130,016

## APPENDIX G

Showing the Number of Weights and Weighing Machines REJECTED in each inspection District From  
JANUARY 1st, to DECEMBER 31st, 1959.

DISTRICTS	WEIGHING MACHINES										WEIGHTS	
	Portable Steel- yard Sus- pension	DORMANT PLATFORM SCALES						Equal Arm	Com- puting	Auto- matic	Metric and Comb. Avoir- duois Metric	Miscel- lane- ous
		Under 6,000 Lbs.	6,000 Lbs and Over	Grain Elevator Hopper	Wagon or Truck	Grain Elevator Truck	Railway Track					
Belleville .....	109	26	13	—	36	—	3	14	96	—	1	25
Calgary .....	128	17	21	31	26	63	—	9	95	—	5	—
Charlottetown .....	45	—	17	—	—	—	—	4	30	—	—	—
Edmonton .....	164	9	32	77	33	120	2	17	142	—	13	45
Fort William .....	47	5	3	2	13	—	—	1	42	—	2	—
Halifax .....	191	6	—	—	27	—	1	25	368	—	—	5
Hamilton .....	207	54	35	15	63	—	6	23	206	—	—	19
London .....	237	27	30	—	74	—	3	29	214	3	2	34
Montreal .....	559	46	34	1	103	—	2	87	452	—	8	47
Northwest Terr. ....	—	—	—	—	—	—	—	—	—	—	—	—
Ottawa .....	174	27	6	—	45	—	1	12	141	1	1	23
Quebec .....	228	8	2	—	25	—	—	18	97	—	5	46
Regina .....	65	3	5	62	33	59	—	1	93	—	1	—
Saint John, N.B. ....	198	17	7	—	25	—	2	40	197	4	6	57
St. John's, Nfld. ....	163	3	—	1	11	—	—	110	128	—	—	120
Saskatoon .....	41	1	3	24	10	46	—	6	50	—	2	7
Sherbrooke .....	103	22	6	—	12	—	—	11	105	1	2	5
Sudbury .....	34	4	2	—	47	—	2	4	77	—	—	9
Toronto .....	425	91	49	—	140	—	1	57	376	1	1	56
Trois Rivières .....	118	27	11	—	26	—	1	11	139	—	4	—
Vancouver .....	441	52	18	—	26	—	1	92	345	1	1	69
Winnipeg .....	314	33	26	57	77	108	2	43	197	—	16	61
Yukon .....	11	—	—	—	—	—	—	1	8	—	—	—
TOTALS .....	4,002	478	320	270	852	396	27	615	3,598	11	70	628



# APPENDIX H

Number of Measures of Capacity, Measuring Devices, Lineal Measures and Miscellaneous VERIFIED in each Inspection District from ...  
JANUARY 1st, to DECEMBER 31st, 1959.

DISTRICTS	MEASURES OF LENGTH		MEASURES OF VOLUME							
	Static	Mechanical	STATIC		MECHANICAL					
			Miscellaneous	Oil Tanks and Tank Trucks	Miscellaneous	Self Measuring Pumps	Visible Pumps	Meter Pumps (Service Station)	Bulk Meters Mounted on Tank Trucks	Bulk Meters (Large Cap. or Others)
Belleville .....	200	9	104	19	11	125	3	2,694	300	1,176
Calgary .....	—	3	44	147	118	6	63	2,585	152	495
Charlottetown .....	—	—	—	34	—	46	11	355	9	12
Edmonton .....	18	1	211	272	22	46	239	4,136	432	957
Fort William .....	1	2	43	51	18	2	5	1,012	134	53
Halifax .....	148	—	—	172	1	61	11	2,500	184	94
Hamilton .....	71	7	2	106	31	34	—	3,832	503	221
London .....	1	—	16	143	78	72	2	5,246	300	112
Montreal .....	2,545	3	1,877	571	927	72	23	4,980	2,204	638
Northwest Terr. ....	—	—	—	—	—	—	—	—	—	—
Ottawa .....	1	19	1	57	5	75	22	3,399	274	64
Quebec .....	562	3	210	141	—	53	30	5,952	522	263
Regina .....	98	31	765	318	—	40	230	2,438	495	469
Saint John, N.B. ....	7	—	9	69	6	22	6	2,881	237	85
St. John's, Nfld. ....	55	—	722	11	3	16	10	754	134	81
Saskatoon .....	—	—	275	53	—	52	261	2,502	590	289
Sherbrooke .....	698	2	613	37	—	80	15	2,067	192	29
Sudbury .....	—	—	—	82	16	22	5	1,802	185	100
Toronto .....	856	7	133	430	633	61	2	14,024	1,449	3,026
Trois Rivières .....	490	6	243	50	4	2	14	1,633	223	60
Vancouver .....	5	18	87	194	149	4	121	5,726	737	1,243
Winnipeg .....	10	1	1,030	294	—	31	133	3,438	914	319
Yukon .....	—	—	—	3	—	—	11	193	18	24
<b>TOTALS .....</b>	<b>5,766</b>	<b>112</b>	<b>6,385</b>	<b>3,254</b>	<b>2,022</b>	<b>922</b>	<b>1,217</b>	<b>74,149</b>	<b>10,188</b>	<b>9,810</b>

## APPENDIX I

Number of Measures of Capacity, Measuring Devices, Lineal Measures and Miscellaneous REJECTED in each Inspection District from...  
JANUARY 1st, to DECEMBER 31st, 1959.

DISTRICTS	MEASURES OF LENGTH		MEASURES OF VOLUME							
	Static	Mechanical	STATIC		MECHANICAL					
			Miscel- laneous	Oil Tanks and Tank Trucks	Miscel- laneous	Self Measuring Pumps	Visible Pumps	Meter Pumps (Service Station)	Bulk Meters Mounted on Tank Trucks	Bulk Meters (Large Cap. or Others)
Belleville .....	—	1	—	1	—	7	—	298	21	5
Calgary .....	—	—	—	—	—	2	4	143	23	50
Charlottetown .....	—	—	—	—	—	—	2	36	3	—
Edmonton .....	1	1	1	—	—	—	10	165	55	95
Fort William .....	—	—	1	4	—	—	1	104	13	5
Halifax .....	—	—	—	2	—	14	—	199	9	7
Hamilton .....	—	—	—	—	—	1	—	547	19	4
London .....	—	—	—	—	—	4	—	454	19	8
Montreal .....	—	—	—	1	—	—	—	1,681	198	61
Northwest Terr. ....	—	—	—	18	1	—	3	—	—	—
Ottawa .....	—	—	—	—	—	—	—	263	7	—
Quebec .....	—	—	—	1	—	7	2	207	19	7
Regina .....	—	—	1	—	—	—	1	121	36	40
Saint John, N.B. ....	—	—	—	1	—	—	4	338	10	—
St. John's, Nfld. ....	—	—	—	3	—	3	—	40	8	8
Saskatoon .....	—	—	—	—	—	—	3	103	43	29
Sherbrooke .....	—	—	1	—	—	4	9	115	5	—
Sudbury .....	—	—	—	—	—	—	1	257	6	2
Toronto .....	—	1	5	8	—	1	1	717	46	13
Trois Rivières .....	—	—	—	—	—	5	—	209	15	3
Vancouver .....	—	4	6	—	—	—	1	498	49	239
Winnipeg .....	—	—	40	12	—	—	7	408	74	41
Yukon .....	—	—	—	6	—	4	26	19	—	2
TOTALS .....	1	7	55	57	1	53	76	6,922	678	619



## APPENDIX J

## CASUAL SHORT WEIGHT INSPECTIONS

January 1, 1959 to December 31, 1959.

Number of Stores Visited	Number of Scales checked			Number of Prepackaged Items Checked		
	Correct	Fast	Slow	Correct	Overweight	Short in Weight
17,385	37,351	598	269	266,476	109,048	17,587

## SHORT WEIGHT PURCHASES

Number of Stores Visited	Number of Purchase Vouchers	Condition of Items Purchased		
		Correct	Overweight	Short in Weight
109	109	150	60	72

## SEIZURES

Number of Meters — 0

Scales — 17

Weights — 0

Measures — 0

## PROSECUTIONS AND WARNINGS

Section of Weights and Measures Acts	Prosecutions	Warnings	NOTE: 15 Charges were laid
Section 26	—	1,423	
Section 43	8	1,597	
Section 45	7	870	
Other Sections	—	—	
TOTALS	15	3,890	

## APPENDIX K

**WEIGHTS AND MEASURES ACT**  
**STATEMENT OF REVENUE AND EXPENDITURE**  
**Fiscal Year ended March 31st, 1960**

DISTRICTS	DISTRICT INSPECTORS	Total Expenses	Total Revenue
Belleville .....	Flurey, T.J. ....	31,602.10	31,935.56
Calgary .....	Huckabay, M.D. ....	38,779.89	40,949.65
Charlottetown .....	Trainor, J.I. ....	6,964.31	4,127.70
Edmonton .....	Kyle, L.M. ....	54,809.55	69,800.05
Fort William .....	Rickards, R.F. ....	14,815.64	16,773.27
Halifax .....	Baird, A.A. ....	28,703.38	28,679.60
Hamilton .....	Joyce, C.J. ....	57,099.99	50,591.05
London .....	Ashley, H.G.W. ....	52,660.64	59,446.33
Montreal .....	Caron, R. ....	136,608.92	121,238.30
Northwest Terr. ....	Kyle, L.M. ....	317.20	398.00
Ottawa .....	Edgerton, S.J. ....	38,901.02	30,559.22
Quebec .....	Brousseau, L. ....	64,326.45	56,042.50
Regina .....	Palmer, E.D. ....	46,223.10	56,997.05
Saint John .....	Jewett, F.C. ....	36,882.08	29,838.84
St. John's (Nfld.) .....	Rossiter, V.P. ....	39,772.41	14,864.11
Saskatoon .....	Setter, J.W. ....	51,622.49	50,217.02
Sherbrooke .....	Couture, J.H.L. ....	26,390.66	32,454.19
Sudbury .....	Finner, D.J. ....	34,302.79	23,659.08
Toronto .....	Stalker, C.H. ....	130,000.46	142,891.07
Trois Rivières .....	Roberge, C. ....	26,884.54	26,170.70
Vancouver .....	Winram, W.M. ....	71,565.18	73,649.36
Winnipeg .....	Burrows, J.A. ....	62,970.49	57,738.42
Yukon .....	Kyle, L.M. ....	2,213.87	1,886.75
<b>TOTAL</b> .....		<b>1,054,417.16</b>	<b>1,020,907.82</b>
General (Including Printing, Stationery, Office Equipment, Acquisition of Equipment, Departmental Trucks, etc.) .....		54,853.80	—
Laboratory (Calibration of Weights & Measures) .....		—	4,883.25
Post Office Department (Salaries and Expenses included in District Totals) .....		—	10,125.00
Short Weight Inspection .....		2,005.04	—
Fines and Penalties .....		—	734.60
Refund Previous Years Expenditures .....		—	177.10
Miscellaneous .....		—	32.95
<b>TOTAL EXPENDITURE AND REVENUE</b> .....		<b>1,111,276.00</b>	<b>1,036,860.72</b>



## APPENDIX L

**STATEMENT SHOWING tests performed by the Standards Laboratory during  
the Fiscal Year ended March 31, 1960**

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**ELECTRICITY AND GAS****Verification of Standards for the Field**

Rotating Standards.....	559
Wattmeters.....	123
Voltmeters .....	20
Ammeters .....	27
Stop Watches .....	13
Standard Cells .....	3
Phantom Loads .....	1

**Verification of Instruments for Commercial Companies**

Rotating Standards.....	67
Wattmeters.....	18
Voltmeters .....	6
Ammeters.....	2
3-Phase Watthour Meters .....	6
Polyrangers .....	1
Industrial Analyzers .....	1
Volt Amp. Meters .....	3
Potentiometers .....	1
Phantom Load .....	1
Rotameters .....	1
Thermometers .....	2
Cylinder Gauges.....	4
Gas Meters .....	2
Pressure Gauges.....	26

**New Equipment Tested Prior to Distribution to the  
Field or for Use in Laboratory**

Specific Gravity Tests on Natural Gas .....	4
Calorimetric Tests on Natural Gas .....	4
Tests on Thermocouples .....	1
Pressure Gauges .....	3
Manometers .....	2

**Verification of Laboratory Standards  
(Standardization of National Research Council)**

Standard Cells .....	6
Potentiometer.....	1
Standard Shunts .....	2
Standard Volt Box .....	1

**Standards Laboratory Instrument Calibrations**

Rotating Standards.....	10
Wattmeters .....	36
Standard Cells .....	33
Standard Shunts .....	1
D. C. Test Board .....	1
Equipment Tested for Approval of Type .....	178

## APPENDIX L

**STATEMENT SHOWING tests performed by the Standards Laboratory during  
the Fiscal Year ended March 31, 1960**

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**WEIGHTS AND MEASURES****Laboratory Standards Tested**

Metric Standards.....	96
Avoirdupois Standards .....	130
Decimal Avoirdupois .....	36
Special Purposes .....	46
Grain.....	84
Troy .....	48
50-Lb. Cast Iron Weights.....	45
50-Gallon Provers.....	2
100-Gallon Prover .....	1
1000-Lb. Cast Iron Weights .....	12
Steel Master Measures.....	4

**Reference Standards Tested for Field Use**

Imperial Measures .....	4
Metric Measures .....	30
Metric Weights .....	270
Avoirdupois Weights .....	72
Decimal Weights Avoirdupois .....	36
Grain Weights .....	289
Precision Balances .....	5

**Field Working Standards**

Inspectors Fractional Weights Avoirdupois .....	216
Inspectors Nest Weights .....	1,335
Inspectors Steel Weights .....	1,260
Dairy Weights .....	126
Bushel Decimal Weights .....	216
Steel Test Measures .....	182
Portable Balance Kits .....	29
50-Lb. Balances .....	11
Short Weight Scales .....	21
50-Gallon Test Tanks .....	16
1000-Lb. Cast Iron Test Weights .....	24
600-Gallon Prover Tank .....	2
100-Gallon Prover Tank .....	2
25-Gallon Prover Tank .....	1

**Verification for Commercial Firms, Government Departments,  
and Scientific Work**

Approval of Apparatus .....	43
Troy Weights .....	176
Metric Weights .....	207
Moisture Determination .....	29
Odd Weights .....	164
Volumetric Tests .....	28
Calibration of Dairy Glassware .....	37,954



## APPENDIX M

## PRECIOUS METALS MARKING ACT

FISCAL YEAR 1959-60

DIVISION	CALLS ON DEALERS	CALLS AT CUSTOMS	SHIPMENTS EXAMINED
Eastern.....	2,696	1,565	4,033
Central .....	2,552	1,201	5,889
Western.....	1,492	168	397
<b>TOTALS</b>	<b>6,740</b>	<b>2,934</b>	<b>10,319</b>

## NATIONAL TRADE MARK AND TRUE LABELLING ACT

FUR GARMENT INSPECTIONS

DIVISION	CALLS ON DEALERS	GARMENTS INSPECTED	LABELS CORRECTED	WARNINGS ISSUED
Eastern.....	779	47,526	277	5
Central .....	621	28,443	48	1
Western.....	539	24,740	231	10
<b>TOTALS</b>	<b>1,939</b>	<b>100,709</b>	<b>556</b>	<b>16</b>

## P. M. M. A.

ADVERTISEMENTS CHECKED.....	3,459
WARNINGS ISSUED .....	55
PROSECUTIONS.....	0
NATIONAL MARK LICENCES ISSUED .....	3
ASSAYS AND TESTS.....	139

## FURS

ADVERTISEMENTS CHECKED.....	12,141
WARNINGS ISSUED .....	182
PROSECUTIONS.....	0









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OTTAWA, 1960

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